

APPENDIX 1

Submissions and additional information received by the Committee

Submissions

- 1** Mr Alan Scott
- 2** Mr Anton Lang
- 3** Name Withheld
- 4** Regulation Economics (plus a supplementary submission)
- 5** Mr David Archibald
- 6** Dr Judy Ryan
Response from the Clean Energy Regulator
- 7** Mr Gordon McGlashan
- 8** Mr Graham Thomas
- 9** Mr Malcolm Barlow (plus two attachments)
- 10** Ms Patricia Gabb
- 11** Mrs Jenny Holmes
- 12** ACT Government, Environment and Planning
- 13** Mr John McKerral
- 14** Victorian Country Fire Authority (plus five attachments)
- 15** Dr Paul Kay
Response from the Clean Energy Regulator
- 16** Mr William Palmer (plus nine attachments)
- 17** Mr and Mrs Bill and Sandra Rogerson (plus two attachments and a
supplementary submission)
Response from AGL
- 18** Mr and Mrs John and Robin Pollard
- 19** Ms Nicole Macdonald
- 20** Aerial Agricultural Association of Australia Ltd (plus three attachments)

- 21 Waterloo and District Concerned Citizens Group
- 22 Ms Julie Quast
- 23 Confidential
- 24 Mr and Mrs David and Alida Mortimer (plus two supplementary submissions)
Response from Infigen
- 25 Ms Jenny Bruty
- 26 Ms Kathy Russell (plus two attachments)
- 27 Mr Brian Osborne
- 28 Mr George Papadopoulos
- 29 Mrs Kris McMillan (plus an attachment and a supplementary submission)
- 30 Mr Jim Hutson
- 31 Mr Hamish Cumming (plus three attachments)
Response from Victorian Government Department of Environment, Land,
Water and Planning
Response from the Clean Energy Regulator
- 32 Mr Keith Staff (plus an attachment)
- 33 Confidential
- 34 Mrs Judy Rowland-Jones (plus a supplementary submission)
- 35 Ms Janet Hetherington (plus two supplementary submissions)
- 36 Name Withheld
- 37 Ms Carmel Anderson
- 38 Mr Michael Machin
- 39 Mr and Mrs Simon and Louise Manifold
- 40 Name Withheld (plus two supplementary submissions)
Response from Moorabool Shire Council
- 41 Mr Kenneth Rees
- 42 Mr Tim Le Roy
Response from Biosis
Response from Bald Hills Wind Farm
- 43 Mr Frank Kearns

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- 44 Mr Philip Davis
- 45 Tarwin Valley Coastal Guardians Inc
- 46 Dr Marjorie Curtis
- 47 Pyrenees Shire Council
- 48 Australian Charities and Not-for-profits Commission
- 49 Mr Geoffrey Clark
- 50 Emeritus Professor Colin Hansen
- 51 Mr Peter Keatley
- 52 Mrs Bev Keatley
- 53 Mr Ivan Chan
- 54 Mr Reg Shepherd
- 55 Dr Christopher Hanning
- 56 Ms Merle Clarke
- 57 Mr Bruce Mortlock
- 58 Upper Hunter Landscape Guardians
- 59 South Australian Government
- 60 Ms Amanda Vance
- 61 Mr and Mrs Chris and Katrina Knight
- 62 Mr Joe Hallenstein
- 63 Name Withheld
- 64 Dr Jay Tibbetts (plus a supplementary submission)
- 65 Dr Kim Forde
- 66 Name Withheld (plus a supplementary submission)
- 67 The Australia Institute (plus two attachments)
- 68 Mr Patrick Hockey
- 69 Mr Bruce Howlett
- 70 Mr David Stewart

- 71 Mr Peter Bowden
- 72 Name Withheld
- 73 Mr Alan Cole
- 74 Mr William Hoorweg
- 75 Dr Daniel Shepherd
- 76 Mr and Mrs Bernard and Elizabeth Hogan
- 77 Mr Paul Schomer
- 78 Tasmania Fire Service (plus an attachment)
- 79 Ms Angie Angel
- 80 Professor Emeritus Alun Evans MD
- 81 Mr Robert Griffin
- 82 Mr Paul Evans (plus an attachment)
- 83 AGL Energy Ltd
- 84 Ergon Energy
- 85 Southern and Hills Local Government Association (SA)
- 86 Institute of Public Affairs
- 87 Frontier Economics
- 88 Ms Eve Lamb
- 89 Ms Jackie Rovensky (plus twenty attachments and a supplementary submission)
- 90 Ms Carmen Krogh (plus six attachments and two supplementary submissions)
- 91 Mr Peter Bobroff (plus a supplementary submission)
- 92 Mr David Clarke
- 93 Clean Energy Regulator (plus a supplementary submission)
- 94 Mr Patrick Ryan
- 95 Name Withheld
- 96 Dr Tom Quirk

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- 97** NSW Rural Fire Service
- 98** Miss Trinidad Diaz
- 99** Mr Grant Winberg (plus two attachments)
- 100** Mr Richard Sharp
- 101** Charlie Prell
- 102** National Health and Medical Research Council (plus an attachment)
- 103** Ms Brenda Herrick
- 104** Confidential
- 105** Mr Maxwell Srice
- 106** Ms Cheryl Small
- 107** Brolga Recovery Group
- 108** Mr and Mrs Peter and Lyn Kuhlmann (plus a supplementary submission)
- 109** Miss Cheryl White
- 110** Mr Peter Kemmis
- 111** Glenelg Shire Council
- 112** Victorian Department of Economic Development, Jobs, Transport and Resources
- 113** Mr Anthony Gardner
- 114** Cr Gilbert Wilson
- 115** Ms Sandra Hawkins
- 116** RATCH-Australia Corporation Ltd
- 117** Mrs Christine Metcalfe (plus five attachments)
- 118** Mr William Quinn
- 119** Parkesbourne/Mummel Landscape Guardians Inc (plus nineteen attachments, a supplementary submission and a piece of additional information)
Response from Clean Energy Regulator
Response from Civil Aviation Safety Authority
Response from CSIRO
Response from NGH Environmental
Response from Dr Geoff Leventhall

Response from National Health and Medical Research Council
Response from NSW Government Department of Planning and Environment
Response from Professor Wayne Smith
Response from Goldwind
Response from South Australian Environment Protection Authority
Response from Pacific Hydro and The Acoustic Group
Response from Mr Ben Bateman
Response from Dr Norm Broner
Response from Emeritus Professor Bruce Armstrong
Response from NSW Government Planning Assessment Commission

- 120** Mr David Maughan (plus seven attachments)
- 121** Mr Bryan Matthews
- 122** Mrs Karen Wilson (plus an attachment)
- 123** Mr Kurt Gunter
- 124** Mr Tim Denniss
- 125** Mr Brian Cavagnino
- 126** Mr Darryl Boylan
- 127** Mr Simon Jarrett
- 128** New South Wales Landscape Guardians Inc
- 129** Mr Noah Kelk
- 130** Mrs Lee Schwerdtfeger (plus an attachment)
- 131** Mr Colin Mowbray
- 132** Mr Volker Schwerdtfeger
- 133** Dandenong Ranges Renewable Energy Association Inc
- 134** LIVE
- 135** Confidential
- 136** Wind Industry Reform Victoria Inc
- 137** Climate Realists of Five Dock
- 138** Mr and Mrs Larry and Val McLean (plus six attachments)
- 139** Mr Bruce Keen and Ms Heather Barker (plus two attachments)
- 140** Ms Cathy Ezard (plus five attachments)

- 141 Mr Bruce Key
- 142 Name Withheld (plus an attachment)
- 143 Dr Andrea Bunting
- 144 Ms Jane Robson
- 145 Mr John Dooley (plus five attachments)
- 146 Mr Robert McMurtry (plus eight attachments)
- 147 Carbon Sense Coalition (plus a supplementary submission)
- 148 Ms Felicity Crombach
- 149 Ms Elisa Ginty
- 150 Kristian Rodd
- 151 Mr Bill Gresham
- 152 Mrs Christine Jelbart
- 153 Flag Australia Inc
- 154 Ms Erin O'Donnell
- 155 Dr Bob Thorne (plus three attachments and two supplementary submissions)
- 156 Mr Harry Cossar-Gilbert
- 157 Mr Rupert Russell
- 158 Tablelands Regional Council
- 159 Mr Andre Kratzer
- 160 Surf Coast Air Action Inc
- 161 Ms Rosemary Howe
- 162 Ms Janine O'Keeffe
- 163 Ms Maria Linke
- 164 Name Withheld (plus an attachment)
- 165 Mr Colin Schaefer (plus an attachment)
- 166 Ms Maureen Pearl
- 167 Wind Prospect Pty Ltd

- 168** Mr Andrew Tune
- 169** Name Withheld
- 170** Mr James Miele
- 171** Mr Robert Money
- 172** Mr Andrew Laird
- 173** Trustpower Ltd
- 174** Climate Action Monaro
- 175** Grain Producers SA
- 176** Ararat Rural City Council
- 177** Ms Barbara Fraser
- 178** Confidential
- 179** Ms Marita Keenan
- 180** Mr Bruce Watkins
- 181** Ms Beverley Prescott
- 182** Mr Alwyn Roweth
- 183** Heartland Farmers Association (plus five attachments)
Response from Senvion Australia
- 184** Ms Jill Dumsday
- 185** Ms Suzanne Berry
- 186** Ms Margo Rees
- 187** Mr John Oldfield (plus a supplementary submission)
- 188** Cr Neil Rankine
- 189** Dr Malcolm Swinbanks
- 190** Voices of the Valley
- 191** Mr David Reynolds
- 192** Ms Jessica Vorreiter
- 193** Residents against Jupiter Wind Turbines Noise Subcommittee (plus four attachments)

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- 194** Association of Australian Acoustical Consultants (plus a supplementary submission)
- 195** Ms Bernadette Janssen
- 196** Mr Andrew Reid
- 197** Mr Donald Thomas
Response from Acciona
- 198** Mr Gunther Wilhelm
- 199** Ms Joy Mettam
- 200** Ms Beverley McIntyre
- 201** Mr John Kaye
- 202** Mr Peter Fensham
- 203** Ms Jocelyn O'Neil
- 204** Mr Brian Kermond
- 205** Mr F. S. Hespe (plus two attachments)
- 206** Ms Melissa Ware (plus two attachments)
- 207** Australian Manufacturing Workers' Union
- 208** Mr and Mrs Andrew and Ann Gardner (plus three supplementary submissions, seven attachments and a piece of additional information)
Response from AGL
Response from Pacific Hydro
- 209** Mrs Helen Darbyshire
- 210** Mr Bernard Boatman
- 211** Mrs Joanne Kermond
- 212** Mr Hamish Officer
- 213** Mr John Benjamin (plus an attachment)
- 214** Mr Tony Edney
- 215** Ms Ellie Watts
- 216** Lynsey Ward
- 217** Mr Mark Glover (plus two attachments)

- 218 Mr Peter Senior
- 219 Mr Bradley Kermond (plus an attachment)
- 220 Confidential
- 221 Mr Dale Curtis
- 222 Confidential
- 223 Mr Mark McDonald (plus two attachments)
- 224 Gasfield Free Seaspray
- 225 Mr Colin Walkden
- 226 Springmount Primary Producers Rural Fire Brigade (plus a supplementary submission)
- 227 Bodangora Wind Turbine Awareness Group (plus nine attachments)
- 228 Mr Adrian Lyon
- 229 Mr Terry Conn
- 230 Tablelands Wind Turbine Action (plus an attachment)
- 231 Confidential
- 232 Friends of Collector Inc (plus an attachment)
- 233 Mr Craig Burton
- 234 Ms Melanie Chilianis
- 235 Mr and Mrs Greg and Patricia Hallam
- 236 Mr and Mrs John and Grace Gargan
- 237 Confidential
- 238 Mr Ian Parker
- 239 Mr Dave Heathcock and Ms Mandy Bridges
- 240 Mr James Vandeppeer
- 241 Mr Charley Barber
- 242 Mr Andreas Marciniak
- 243 Mr Anthony Farrell and Ms Christine Schiansky

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- 244 Ms Krista Watkins
- 245 Ms Belinda Wehl
- 246 Mr Brad Reynolds
- 247 Ms Nicki Morgan
- 248 Mr Peter Hooke and Ms Deborah Williams
- 249 Ms Regina Gleeson
- 250 Mr Hugh Venables
- 251 Crispin Trist
- 252 Holy Transfiguration Monastery
- 253 Pat Swords (plus two attachments)
- 254 Mr Steven Cooper
- 255 Ms Joan Selby Smith
- 256 Name Withheld
- 257 Mr Luke Foster
- 258 Mr John Lamarra
- 259 Mr Peter Lang (plus an attachment)
- 260 Mr Dennis Workman (plus three attachments)
- 261 CWP Renewables
- 262 Mr and Mrs David and Maureen Coleman (plus four attachments)
- 263 Mr Shane Papps
- 264 Friends of the Earth Adelaide
- 265 Mr Christopher Johnston
- 266 Mr and Mrs Andrew and Carmel Johnston
- 267 Ms Emma Bennett
- 268 Ms Clare Due
- 269 Mr Tony Power
- 270 Mr Peter Jelbart

- 271** CLIMARTE
- 272** Confidential
- 273** The Goulburn Group Inc
- 274** Yass Earth Movers
- 275** Name Withheld
- 276** Public Health Association of Australia (plus an attachment)
- 277** Mr Ketan Joshi
- 278** Ms Vivien de Rémy de Courcelles
- 279** Ms Geraldine Bagwell
- 280** Confidential
- 281** Mr Stephen Mitchell (plus two attachments)
Response from Clean Energy Regulator
- 282** Ms Lisa Hough
- 283** Mr John Langer
- 284** Mr Jack Laing
- 285** Mr and Mrs James and June Field
Response from Epuron
Response from Trustpower
- 286** Ms Emily Gayfer
- 287** Australian Conservation Foundation
- 288** Ms Ramona Headifen
- 289** Ms Abbey Lake
- 290** Ms Jennifer Disley (plus four attachments)
- 291** Mr Paul Judd
- 292** Confidential
- 293** Mr Alan McCormack
- 294** Acciona Energy Australia Global Pty Ltd
- 295** Dr Jacinta Morahan

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- 296** Ms Prani Harrison
- 297** Mr Keith Altmann
- 298** Vestas Australian Wind Technology
- 299** Energy Supply Association of Australia
- 300** Ms Jacinta Conlon
- 301** Mr Richard Whitebrook
- 302** Committee for Portland
- 303** Ms Johanna Conlon
- 304** Environment Victoria
- 305** Confidential
- 306** Mr Mark Smith
- 307** Ms Morgana Russell
- 308** Mr and Mrs John and Margaret Emery and Charles and Lucy Knight
Response from Newtricity
- 309** Ms Anne Carroll
- 310** Drs Alan and Colleen Watts
- 311** Ms Virginia Trescowthick
- 312** Ms Megan Williams
- 313** Ms Bridget Gilmartin
- 314** Mr John McGrath
Response from Brett Lane and Associates Pty Ltd
Response from Epuron
Response from Goldwind
- 315** Mr Frank Forster
- 316** Dr Michael Crawford (plus four attachments and a supplementary submission)
Response from EPYC
Response from National Health and Medical Research Council
- 317** Ms Maree Williams
- 318** Ms Lucia McLean

- 319** Mr Adam Gray
- 320** Mr Malcolm Scott
- 321** Mr Bernie McComb, Ground Swell Bass Coast
- 322** Central NSW Renewable Energy Cooperative
- 323** Ms Fiona Wright
- 324** Ms Tegan Abbott
- 325** Ms Laura Gilmartin
- 326** Save the Eagles International
- 327** Ms Sophie Broughton-Cunningham
- 328** Mrs Judith Gayfer
- 329** Australian Youth Climate Coalition
- 330** Mr Hero Macdonald
- 331** Climate and Health Alliance (plus two attachments)
- 332** Mr David Formby
- 333** Mr Bob Hill
- 334** Name Withheld
- 335** EPURON
- 336** Ms Jenny Holcombe
- 337** Mr Rikki Nicholson
- 338** Name Withheld (plus two attachments)
Response from RATCH Australia Corporation
- 339** Stockyardhill Community Guardians
- 340** Councillor Marjorie Pagani
Response from RATCH Australia Corporation
- 341** Mr Parke Ewing
- 342** Ms Elizabeth Wilson
- 343** Mr Colin Gimaud
- 344** Dr Ursula Walsh (plus an attachment)

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- 345** Australian Nursing and Midwifery Federation
- 346** Dr Joseph Buttery
- 347** Ms Emily Pritchard
- 348** Dr Joseph Wheatley
- 349** Flat Earth Institute
- 350** Mr Graham Williamson
Response from the Clean Energy Regulator
- 351** Ms Jan Perry
- 352** Mrs Lisa Dwyer (plus an attachment)
- 353** Mr Val Martin
- 354** Mr Mike Kenny, MetroCount
- 355** Mr Douglas Moir
- 356** Mrs Leonie Martin
- 357** Mr Claude Brasseur (plus two attachments)
- 358** Department of the Environment
- 359** Doctors for the Environment Australia
- 360** Mr Wentworth Hill
- 361** Ms Tania Neville and Mr Peter Stoops
- 362** Wildlife Preservation Society of Queensland
- 363** Ms Helen Lyon (plus four attachments)
- 364** Confidential
- 365** Mr Roderick Dean
- 366** General Electric
- 367** Mr Richard Paltridge (plus seven attachments)
- 368** Tarcowie Phosphate
- 369** Professor Simon Chapman AO (plus three attachments)
- 370** Mr John Middleton

- 371** Mr Barry and Mrs Denise O'Neill
Response from KJA
- 372** Association for Research of Renewable Energy in Australia
- 373** Name Withheld
- 374** Mrs Theresa Grima (plus four attachments)
- 375** Moorabool Shire Council
- 376** Name Withheld
- 377** Ms Colleen Towers
- 378** Name Withheld (plus three attachments)
Response from Brett Lane and Associates
- 379** Mr Geoff Leventhall
- 380** Ms Greta Gallandy-Jakobsen
- 381** Mr Rodney Stuart
- 382** Mr Noel Dean
Response from Acciona
Response from Pyrenees Shire Council
- 383** Confidential
- 384** Ms Barbara Ashbee (plus an attachment)
- 385** Mr Mauri Johansson (plus seven attachments and a supplementary submission)
- 386** Mr and Mrs Peter and Julie Brown
- 387** Mr Peter Mitchell (plus an attachment)
- 388** Mr Andrew Gabb (plus twelve attachments)
- 389** Mr Jim Litchfield
- 390** Mr and Mrs Greg and Michelle Noel
- 391** Mr Sam McGuinness
- 392** Mr and Mrs Mark and Rayleen Williams
- 393** Mr and Mrs Narelle and Alan Goodall
- 394** Ms Pamela Hawke
- 395** Name Withheld

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- 396** Mr Norman Allan (plus three attachments and a supplementary submission)
- 397** Mr and Mrs Glenn and Joan Dennis
- 398** Ms Dorothy Newman
- 399** Mr and Mrs Tim and Susan Kosch
- 400** Hepburn Wind
- 401** Eastern Mt Lofty Ranges Landscape Guardians
- 402** RES Australia
- 403** Ms Pieta Farrell
- 404** Senvion Australia
- 405** Yorke Peninsula Wind Farm Project Pty Ltd (plus an attachment)
- 406** Australian Psychology Society
- 407** Mr Dave Southgate
- 408** Mr Richard Mann
- 409** Atkinson & Rapley Consulting (plus an attachment and a s supplementary submission)
- 410** Mr Robert Allen
- 411** Confidential
- 412** Wollar Progress Association
- 413** Queensland Government
- 414** Name Withheld
- 415** Mr Owain Rowland-Jones (plus two attachments)
- 416** Mr Kaj Bank Olesen (plus three attachments)
- 417** Mr Marc Amelinckx (plus an attachment)
- 418** Mr Richard Way
- 419** Pacific Hydro Pty Ltd
- 420** Mr Andrew Chapman
- 421** Ms Hiedi Clarke

- 422 Ms Wanda Allott
- 423 Friends of the Earth
- 424 Hydro Tasmania
- 425 Infigen
- 426 Mr Chris Luckock
- 427 Mr and Mrs Andy and Leanne Lamont
- 428 Mr Will Lynch
- 429 World Council for Nature
- 430 Mr Peter Molan
- 431 Mr Peter Coy
- 432 Mr and Mrs Vin and Donna Gedye
- 433 Woolnorth
- 434 Ms Debbie Brooks
- 435 Mr Nigel Sharp
- 436 Ms Sara Brown
- 437 Ms Jane Touzeau
- 438 Mr Peter Royal (plus an attachment)
- 439 North American Platform Against Wind Power (plus an attachment)
- 440 Mr Aidan Stanger
- 441 Mr Tony Walker
- 442 Union Fenosa Wind Australia
- 443 Australian Wind Alliance (plus two attachments)
- 444 Mr John Formby
- 445 Ms Mourilyan F Nicholls
- 446 Mr Shane Mortimer
- 447 Australian Industrial Wind Turbine Awareness Network
- 448 Australian Environment Foundation

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- 449** Wind Energy Queensland (plus eight attachments)
- 450** Clean Energy Council (plus nine attachments and a supplementary submission)
- 451** Flyers Creek Wind Turbine Awareness Group Inc (plus eleven attachments)
- 452** Confidential
- 453** Confidential
- 454** Mrs Tracey Hopkins
- 455** Noise Watch Australia Inc
- 456** Ms Sonia Trist (plus an attachment)
Response from Pacific Hydro
- 457** Ms Megan Briggs
- 458** Name Withheld (plus twenty one attachments)
Response from RATCH Australia Corporation
- 459** Mrs Lee Schwerdtfeger (plus sixteen attachments)
- 460** Moyne Shire Council (plus six attachments)
- 461** Confidential
- 462** Australian Centre for Environmental Law, Australian National University
College of Law
- 463** Community for the Accurate Impact Assessment of the Dalton Power Station
Response from AGL
- 464** Mrs Mary Morris (plus nineteen attachments and a supplementary submission)
Response from South Australian Environment Protection Authority
- 465** Confidential
- 466** Department of Fire and Emergency Services Western Australia
- 467** Ms Lilli-Ann Green
- 468** StarCore Nuclear
- 469** Australian Energy Market Operator
- 470** Mrs Samantha Stepnell (plus eight attachments)
Response from Acciona
Response from Pacific Hydro
- 471** Confidential

- 472 Ms Marjorie Cross
- 473 Mr Greg Wilkins
- 474 Ms Robin Gardner
- 475 Ms Angela McFeeters
- 476 Mr Igor Sekatski
- 477 Mr Carey Wakeley
- 478 Ms Chloe Franke
- 479 Mr Gordon Monsborough
- 480 Mr Rob Tozer
- 481 Mr John Knox
- 482 Mr Christopher Rathjen
- 483 Mr Craig Douglas
- 484 Ms Rachel Craig
- 485 Mr Jeremy Maddox
- 486 Mr Patrick Bradbery
- 487 Mr Gavin Cerini
- 488 Ms Meredith Debens
- 489 Mr David Osmond
- 490 Sam Fyfield
- 491 Confidential

Additional Information

- 1 Letter from the NSW Government Department of Planning and Environment to Mr Alwyn Roweth, received 20 March 2015
- 2 Evaluation of Secondary Windshield Designs for Outdoor Measurement of Low Frequency Noise and Infrasound, paper by Kristy Hansen, Branko

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- Zajamsek and Colin Hansen, from Mr Steven Cooper, received 1 April 2015
- 3** Review of NACA 0012 Turbulent Trailing Edge Noise Data at Zero Angle of Attack, paper by Con Doolan and Danielle Moreau, from Mr Steven Cooper, received 1 April 2015
 - 4** Comparison of the noise levels measured in the vicinity of a wind farm for shutdown and operational conditions, paper by Kristy Hansen, Branko Zajamsek and Colin Hansen, from Mr Steven Cooper, received 1 April 2015
 - 5** Investigation of the time dependent nature of infrasound measured near a wind farm, paper by Branko Zajamsek, Kristy Hansen and Colin Hansen, from Mr Steven Cooper, received 1 April 2015
 - 6** Noise Monitoring in the Vicinity of the Waterloo Wind Farm, paper by Kristy Hansen, Branko Zajamsek and Colin Hansen, from Mr Steven Cooper, received 1 April 2015
 - 7** Letter to the Department of Health, by Colin Hansen, from Mr Steven Cooper, received 1 April 2015
 - 8** Analysis of Unweighted Low Frequency Noise and Infrasound Measured at a Residence in the Vicinity of a Wind Farm, paper by Kristy Hansen, Branko Zajamsek and Colin Hansen, from Mr Steven Cooper, received 1 April 2015
 - 9** A Primer on Noise report, from Mr Steven Cooper, received 1 April 2015
 - 10** Analysis, Modeling, and Prediction of Infrasound and Low Frequency Noise from Wind Turbine Installation, Phase 1: PEI Site Final Report, from Mr Steven Cooper, received 1 April 2015
 - 11** Analysis, Modeling, and Prediction of Infrasound and Low Frequency Noise from Wind Turbine Installation, Phase 2: Southern Ontario Site Final Report, from Mr Steven Cooper, received 1 April 2015
 - 12** A Cooperative Measurement Survey and Analysis of Low Frequency and Infrasound at the Shirley Wind Farm in Brown County Wisconsin, from Mr Steven Cooper, received 1 April 2015
 - 13** Letter from the Victorian Government Department of Environment, Land, Water and Planning, received 25 March 2015
 - 14** Information on lambing percentages, from Bill and Sandy Rogerson, received 7 April 2015
 - 15** Response to adverse comments made at Portland public hearing 30 March

- 2015, from Pacific Hydro, received 24 April 2015
- 16 Comment on AMA Position Statement, from Mr Geoff McPherson, received 18 May 2015
 - 17 The Inconsistent Acceptance of Industrial Wind Turbine Impacts, presentation, from Mr Geoff McPherson, received 18 May 2015
 - 18 Repeated elicitation of the acoustic startle reflex leads to sensitisation in subsequent avoidance behaviour and induces fear conditioning, research article, 2011, from Mr Geoff McPherson, received 18 May 2015
 - 19 Analysis of aerodynamic sound noise generated by a large-scaled wind turbine and its physiological evaluation, original paper, 2015, from Mr Geoff McPherson, received 18 May 2015
 - 20 Preliminary studies on the reaction of growing geese to the proximity of wind turbines, original article, 2013, from Mr Geoff McPherson, received 18 May 2015
 - 21 A theory to explain some physiological effects of the infrasonic emissions at some wind farm sites, article, 2015, from Mr Geoff McPherson, received 18 May 2015
 - 22 NSW Government: Renewable Energy Action Plan, from the Australian Wind Alliance, received 19 May 2015
 - 23 NSW Government Department of Planning and Infrastructure: Draft Planning Guidelines, Wind Farms, December 2011, from the Australian Wind Alliance, received 19 May 2015
 - 24 Information about the recent International Wind Turbine Noise Conference in Glasgow, from Paul Miskelly, received 6 May 2015
 - 25 The effect of wind turbine noise on sleep and quality of life: A systematic review and meta-analysis of observational studies, Environment International article, from Dr Christopher Hanning, received 19 May 2015
 - 26 Noise and Health, A Bi-monthly Inter-disciplinary International Journal, September-October 2012, from Dr Christopher Hanning, received 19 May 2015
 - 27 Not For Greens, He who sups with the devil should have a long spoon, publication, from Emeritus Professor Ian Plimer, received 3 May 2015
 - 28 Response to adverse comments made in submissions and at the Portland public hearing 30 March 2015, from AGL Energy, received 14 May 2015
 - 29 Letter regarding hearing tests, from Mr Crispin Trist, received 2 June 2015

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- 30 National Recovery Plan for the Southern Bent-wing Bat, from Jackie Rovensky, received 4 June 2015
 - 31 Yorke Peninsula Council's submission to the Development Assessment Commission, and further correspondence, from Heartland Farmers Association, received 10 June 2015
 - 32 Property finance letter, from Mr David Mortimer, received 10 June 2015
 - 33 Submissions to the Planning Assessment Commission, from Ms Rosemary Howe, received 19 June 2015
 - 34 Report, The Perception and Effect of Wind Farm Noise at Two Victorian Wind Farms, An Objective Assessment, June 2012, from Mr Noel Dean, received 23 June 2015
 - 35 Opening statement, from Dr Michael Crawford, received 30 June 2015
 - 36 Submission to the NSW Minister for Planning, from Dr Michael Crawford, received 30 June 2015
 - 37 Information about property devaluation in the area of the proposed Flyers Creek Wind Farm, from Ms Patina Schneider, received 4 July 2015
 - 38 Graph, from Dr Malcolm Swinbanks, received 10 July 2015
 - 39 Information regarding vibration and its impact on sleep disturbance, from Ms Sarah Laurie, received 13 July 2015

Answers to Questions on Notice

- 1 Answers to Questions taken on Notice during 30 March public hearing, received from Victorian Country Fire Authority, 30 March 2015
- 2 Answers to Questions taken on Notice during 30 March public hearing, received from Victorian Country Fire Authority, 1 April 2015
- 3 Answers to Questions taken on Notice during 30 March public hearing, received from Pyrenees Shire Council, 7 April 2015
- 4 Answers to Questions taken on Notice during 30 March public hearing, received from Glenelg Shire Council, 16 April 2015
- 5 Answers to Questions taken on Notice during 30 March public hearing, received from Keith Staff, 22 April 2015

- 6 Answers to Questions taken on Notice during 30 March public hearing, received from Glenelg Shire Council, 12 June 2015
- 7 Answers to Questions taken on Notice during 30 March public hearing, received from Victorian Country Fire Authority, 22 June 2015
- 8 Answers to Questions taken on Notice during 30 March public hearing, received from Keppel Prince Engineering, 26 June 2015
- 9 Answers to Questions taken on Notice during 30 March public hearing, received from Pyrenees Shire Council, 30 June 2015
- 10 Answers to Questions taken on Notice during 30 March public hearing, received from Pacific Hydro, 30 June 2015
- 11 Answers to Questions taken on Notice during 30 March public hearing, received from Steven Cooper, 1 July 2015
- 12 Response to adverse comments in Steven Cooper's answers to questions on notice, received from Association of Australian Acoustical Consultants, 2 August 2015
- 13 Answers to Questions taken on Notice during 18 May public hearing, received from Carbon Sense Coalition, 23 May 2015
- 14 Answers to Questions taken on Notice during 18 May public hearing, received from Robert Thorne, 12 June 2015
- 15 Answers to Questions taken on Notice during 18 May public hearing, received from RATCH-Australia Corporation, 16 June 2015
- 16 Answers to Questions taken on Notice during 18 May public hearing, received from Robert Thorne, 20 June 2015
- 17 Answers to Questions taken on Notice during 18 May public hearing, received from Queensland Government Department of Infrastructure, Local Government and Planning, 25 June 2015
- 18 Answers to Questions taken on Notice during 19 May public hearing, received from Infigen, 28 May 2015
- 19 Answers to Questions taken on Notice during 19 May public hearing, received from Public Health Association of Australia, 31 May 2015
- 20 Answers to Questions taken on Notice during 19 May public hearing, received from CSIRO, 1 June 2015
- 21 Answers to Questions taken on Notice during 19 May public hearing, received from Australian Wind Alliance, 2 June 2015

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- 22 Answers to Questions taken on Notice during 19 May public hearing, received from Regulation Economics, 9 June 2015
 - 23 Answers to Questions taken on Notice during 19 May public hearing, received from Kim Forde, 10 June 2015
 - 24 Answers to Questions taken on Notice during 19 May public hearing, received from Clean Energy Regulator, 10 June 2015
 - 25 Answers to Questions taken on Notice during 19 May public hearing, received from Civil Aviation Safety Authority, 12 June 2015
 - 26 Answers to Questions taken on Notice during 19 May public hearing, received from Clean Energy Regulator, 12 June 2015
 - 27 Answers to Questions taken on Notice during 19 May public hearing, received from Andrew Bell, 14 June 2015
 - 28 Answers to Questions taken on Notice during 19 May public hearing, received from Christopher Hanning, 15 June 2015
 - 29 Answers to Questions taken on Notice during 19 May public hearing, received from Peter Lang, 15 June 2015
 - 30 Answers to Questions taken on Notice during 19 May public hearing, received from Clean Energy Regulator, 15 June 2015
 - 31 Answers to Questions taken on Notice during 19 May public hearing, received from Public Health Association of Australia, 15 June 2015
 - 32 Answers to Questions taken on Notice during 19 May public hearing, received from CSIRO, 16 June 2015
 - 33 Answers to Questions taken on Notice during 19 May public hearing, received from AGL Energy, 19 June 2015
 - 34 Answers to Questions taken on Notice during 19 May public hearing, received from Australian Wind Alliance, 7 July 2015
 - 35 Answers to Questions taken on Notice during 9 June public hearing, received from Brolga Recovery Group, 14 June 2015
 - 36 Answers to Questions taken on Notice during 9 June public hearing, received from Brolga Recovery Group, 14 June 2015
 - 37 Answers to Questions taken on Notice during 9 June public hearing, received from Municipal Association of Victoria, 23 June 2015
 - 38 Answers to Questions taken on Notice during 9 June public hearing, received from Moyne Shire Council, 3 July 2015

- 39 Answers to Questions taken on Notice during 9 June public hearing, received from Les Huson, 6 July 2015
- 40 Answers to Questions taken on Notice during 9 June public hearing, received from Moyne Shire Council, 8 July 2015
- 41 Answers to Questions taken on Notice during 9 June public hearing, received from Samantha Stepnell, 9 July 2015
- 42 Answers to Questions taken on Notice during 9 June public hearing, received from Tarwin Valley Coastal Guardians Inc, 10 July 2015
- 43 Answers to Questions taken on Notice during 9 June public hearing, received from Wind Industry Reform Victoria Inc, 11 July 2015
- 44 Answers to Questions taken on Notice during 9 June public hearing, received from Vestas Australian Wind Technology, 13 July 2015
- 45 Answers to Questions taken on Notice during 9 June public hearing, received from Hepburn Wind, 14 July 2015
- 46 Answers to Questions taken on Notice during 9 June public hearing, received from Emma Bennett, 16 July 2015
- 47 Answers to Questions taken on Notice during 9 June public hearing, received from David Iser, 16 July 2015
- 48 Answers to Questions taken on Notice during 9 June public hearing, received from Victorian Department of Environment, Land, Water and Planning, 17 July 2015
- 49 Answers to Questions taken on Notice during 9 June public hearing, received from Les Huson, 17 July 2015
- 50 Answers to Questions taken on Notice during 9 June public hearing, received from Moyne Shire Council, 20 July 2015
- 51 Answers to Questions taken on Notice during 9 June public hearing, received from Clean Energy Council, 24 July 2015
- 52 Answers to Questions taken on Notice during 9 June public hearing, received from Victorian Department of Environment, Land, Water and Planning, 28 July 2015
- 53 Answers to Questions taken on Notice during 10 June public hearing, received from Paddy Phillips, 16 June 2015
- 54 Answers to Questions taken on Notice during 10 June public hearing, received from Waterloo and District Concerned Citizens Group, 23 June 2015

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- 55** Answers to Questions taken on Notice during 10 June public hearing, received from Waterloo and District Concerned Citizens Group, 27 June 2015
- 56** Answers to Questions taken on Notice during 10 June public hearing, received from Trustpower, 2 July 2015
- 57** Answers to Questions taken on Notice during 10 June public hearing, received from Noise Watch Australia, 3 July 2015
- 58** Answers to Questions taken on Notice during 10 June public hearing, received from Trustpower, 22 July 2015
- 59** Answers to Questions taken on Notice during 10 June public hearing, received from Grain Producers SA, 27 July 2015
- 60** Answers to Questions taken on Notice during 10 June public hearing, received from Australian Association of Acoustical Consultants, 28 July 2015
- 61** Answers to Questions taken on Notice during 19 June public hearing, received from National Health and Medical Research Council, 10 July 2015
- 62** Answers to Questions taken on Notice during 19 June public hearing, received from Fiona Crichton, 28 July 2015
- 63** Answers to Questions taken on Notice during 23 June public hearing, received from Geoff Leventhall, 27 July 2015
- 64** Answers to Questions taken on Notice during 29 June public hearing, received from Frontier Economics, 13 July 2015
- 65** Answers to Questions taken on Notice during 29 June public hearing, received from Senvion Australia, 15 July 2015
- 66** Answers to Questions taken on Notice during 29 June public hearing, received from Simon Chapman, 28 July 2015
- 67** Answers to Questions taken on Notice during 29 June public hearing, received from Senvion Australia, 28 July 2015
- 68** Answers to Questions taken on Notice during 29 June public hearing, received from Norm Broner, 7 July 2015
- 69** Answers to Questions taken on Notice during 19 May public hearing, received from Department of the Environment, 30 July 2015
- 70** Answers to Questions taken on Notice during 19 June public hearing, received from National Health and Medical Research Council, 30 July 2015

- 71 Answers to Questions taken on Notice during 19 June public hearing, received from Bruce Rapley, 31 July 2015
- 72 Answers to Questions taken on Notice during 23 June public hearing, received from Geoff Leventhall, 27 July 2015
- 73 Response to adverse comments in Geoff Leventhall's answers to questions on notice, received from Sarah Laurie, Waubra Foundation, 31 July 2015
- 74 Answers to Questions taken on Notice during 23 June public hearing, received from Malcolm Swinbanks, 29 July 2015
- 75 Answers to Questions taken on Notice during 29 June public hearing, received from Simon Chapman, 27 July 2015
- 76 Response to adverse comments in Simon Chapman's answers to questions on notice, received from Ann Gardner, 30 July 2015
- 77 Answers to Questions taken on Notice during 29 June public hearing, received from South Australian Environment Protection Authority, 31 July 2015
- 78 Answers to Questions taken on Notice during 29 June public hearing, received from South Australian Environment Protection Authority, 31 July 2015
- 79 Answers to Questions taken on Notice during 29 June public hearing, received from Bob McMurtry, 1 August 2015
- 80 Answers to written Questions on Notice, received from Vestas Australian Wind Technology, 26 June 2015
- 81 Answers to written Questions on Notice, received from Australian Medical Association, 16 July 2015
- 82 Answers to Questions taken on Notice during 30 March public hearing, received from Steven Cooper, 20 April 2015

Tabled Documents

- 1 Opening statement, tabled by Bill Rogerson, at Portland public hearing 30 March 2015
- 2 Opening statement, tabled by Robin Pollard, at Portland public hearing 30

March 2015

- 3** Opening statement, tabled by Ann Gardner, at Portland public hearing 30 March 2015
- 4** Email to Ann Gardner from AGL Energy, tabled by Ann Gardner, at Portland public hearing 30 March 2015
- 5** Opening statement, tabled by Jan Hetherington, at Portland public hearing 30 March 2015
- 6** Opening statement, tabled by Hamish Cumming, at Portland public hearing 30 March 2015
- 7** Letter to the Editor from AGL, tabled by Senator Urquhart, at Portland public hearing 30 March 2015
- 8** Photos of Rangeview site, tabled by Senator Canavan, at Cairns public hearing 18 May 2015
- 9** Correspondence relating to Windy Hill, tabled by Tablelands Regional Council, at Cairns public hearing 18 May 2015
- 10** Opening Statement, tabled by Dr Andrew Bell, at Canberra public hearing 19 May 2015
- 11** Victorian Department of Planning and Community Development: Advice to Minister for Planning – Waubra Wind Farm Noise Compliance, 6 December 2010, tabled by Senator Madigan, at Canberra public hearing 19 May 2015
- 12** Correspondence from Victorian Minister for Planning to Mr Brett Wickham, Director – Generation, Pyrenees Wind Farm Development Pty Ltd, dated 10 December 2010, tabled by Senator Madigan, at Canberra public hearing 19 May 2015
- 13** Victorian Department of Planning and Community Development: Advice to Minister for Planning – Waubra Wind Farm, Permit Compliance, 22 August 2011, tabled by Senator Madigan, at Canberra public hearing 19 May 2015
- 14** Correspondence from Victorian Minister for Planning to Mr Brett Wickham, Pyrenees Wind Farm Development Pty Ltd, Waubra Wind Farm Development, Permit Compliance, dated 15 September 2011, tabled by Senator Madigan, at Canberra public hearing 19 May 2015
- 15** Extracts from Australian Government, Office of the Renewable Energy Regulator, Annual Electricity Generation Returns: 2010, 2011 and 2012, tabled by Senator Madigan, at Canberra public hearing 19 May 2015
- 16** Australian Securities and Investments Commission, Current Company

- Extract, Mount Emerald Wind Farm Pty Ltd, 18 May 2015, AEST 09:36:41 AM, tabled by Senator Canavan, at Canberra public hearing 19 May 2015
- 17 Opening Statement, tabled by Australian Wind Alliance, at Canberra public hearing 19 May 2015
 - 18 NSW Farmers, Wind Farm Guide for host landholders, tabled by Australian Wind Alliance, at Canberra public hearing 19 May 2015
 - 19 Community Engagement Guidelines for the Australian Wind Industry, tabled by Clean Energy Council, at Melbourne public hearing 9 June 2015
 - 20 Wind Farms A Guide for Communities, tabled by Clean Energy Council, at Melbourne public hearing 9 June 2015
 - 21 Victoria's planning regulations, tabled by Victorian Department of Environment, Land, Water and Planning, at Melbourne public hearing 9 June 2015
 - 22 A Summary and Comparison of Bird Mortality from Anthropogenic Causes with an Emphasis on Collisions, article by Wallace Erickson, Gregory Johnson and David Young Jr., tabled by Emma Bennett, at Melbourne public hearing 9 June 2015
 - 23 Preliminary Methodology to Assess the National and Regional Impact of U.S. Wind Energy Development on Birds and Bats, USGS Scientific Investigations Report 2015-5066, tabled by Emma Bennett, at Melbourne public hearing 9 June 2015
 - 24 Information on brolga breeding site buffers, tabled by Brolga Recovery Group, at Melbourne public hearing 9 June 2015
 - 25 Brolga information sheet and maps, tabled by Brolga Recovery Group, at Melbourne public hearing 9 June 2015
 - 26 Email correspondence between Les Huson and the CTBTO in Vienna, tabled by Les Huson, at Melbourne public hearing 9 June 2015
 - 27 Email correspondence between Les Huson and Hepburn Wind, tabled by Les Huson, at Melbourne public hearing 9 June 2015
 - 28 Opening Statement, tabled by Rikki Nicholson, at Melbourne public hearing 9 June 2015
 - 29 Correspondence relating to Cherry Tree Wind Farm Inc, tabled by Tim Brew, at Melbourne public hearing 9 June 2015
 - 30 Opening Statement, tabled by Tim Brew, at Melbourne public hearing 9 June 2015

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- 31 Speaking notes, tabled by Grain Producers SA, at Adelaide public hearing 10 June 2015
 - 32 SA EPA South East Site Graphs Waterloo Study 2013, tabled by Mary Morris, at Adelaide public hearing 10 June 2015
 - 33 Lease agreement letter, tabled by Clive and Trina Gare, at Adelaide public hearing 10 June 2015
 - 34 Memorandum of lease, tabled by Clive and Trina Gare, at Adelaide public hearing 10 June 2015
 - 35 Information and graph relating to wind energy production during 30 September 2014, tabled by Jacqueline Rovensky, at Adelaide public hearing 10 June 2015
 - 36 Wind performance on Eastern Grid at approximate South Australian time indicated, tabled by Jacqueline Rovensky, at Adelaide public hearing 10 June 2015
 - 37 List of proposed Australian wind energy projects, as of December 2005, tabled by Jacqueline Rovensky, at Adelaide public hearing 10 June 2015
 - 38 Graph showing the National grid wind energy production during 7 June 2015, tabled by Jacqueline Rovensky, at Adelaide public hearing 10 June 2015
 - 39 Graph showing the South Australian wind energy production during 7 June 2015, tabled by Jacqueline Rovensky, at Adelaide public hearing 10 June 2015
 - 40 Opening Statement, tabled by Fiona Crichton, at Canberra public hearing 19 June 2015
 - 41 Opening Statement, tabled by Bruce Rapley, at Canberra public hearing 19 June 2015
 - 42 Presentation, tabled by Charley Barber and Rosemary Howe, at Canberra public hearing 19 June 2015
 - 43 Letter from NSW EPA to Mr and Mrs Grima relating to infrasound/low frequency noise, tabled by Theresa Grima, at Sydney public hearing 29 June 2015
 - 44 Speaking notes, CV and information, tabled by Peter Rae AO, at Sydney public hearing 29 June 2015
 - 45 Renewables 2015 Global Status Report, Key Findings, tabled by Peter Rae AO, at Sydney public hearing 29 June 2015

- 46** Renewables 2015 Global Status Report, tabled by Peter Rae AO, at Sydney public hearing 29 June 2015

Correspondence

- 1** Correspondence clarifying evidence given at Portland public hearing on 30 March, from Ararat Rural City Council, received 16 April 2015
- 2** Correspondence clarifying evidence given at Portland public hearing on 30 March, from Ann Gardner, received 27 April 2015
- 3** Letter regarding comments made by a RATCH employee at the committee's public hearing in Cairns, from RATCH Australia Corporation, received 19 May 2015
- 4** Correspondence clarifying evidence given at Canberra public hearing on 19 May, from Peter Lang, received 26 May 2015
- 5** Correspondence to correct a misquote/misunderstanding of evidence given at Canberra public hearing on 19 May, from Peter Lang, received 26 May 2015
- 6** Correspondence providing supplementary evidence to that given at Sydney public hearing on 29 June, from Association for Research of Renewable Energy in Australia, received 7 July 2015
- 7** Correspondence providing supplementary evidence to that given at Sydney public hearing on 29 June, from Peter Rae, received 17 July 2015
- 8** Correspondence clarifying evidence given at Sydney public hearing on 29 June, from Parkesbourne/Mummel Landscape Guardians Inc, received 28 July 2015
- 9** Correspondence clarifying evidence given at Melbourne public hearing on 9 June, from Tarwin Valley Coastal Guardians Inc, received 29 July 2015